



1/19

FIG. 1

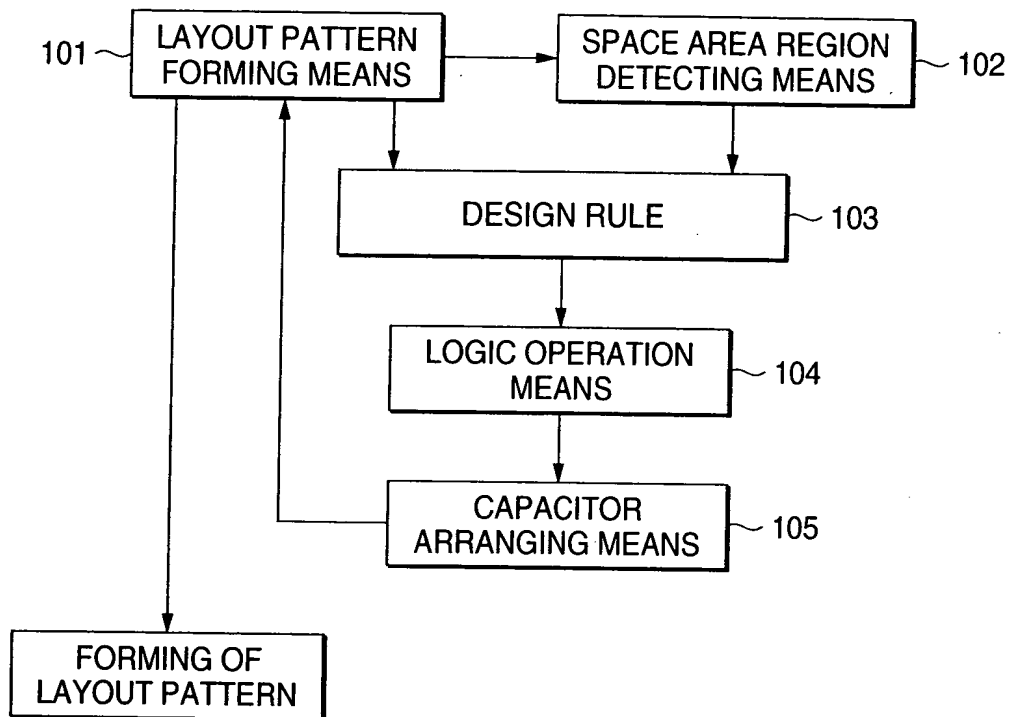


FIG. 2

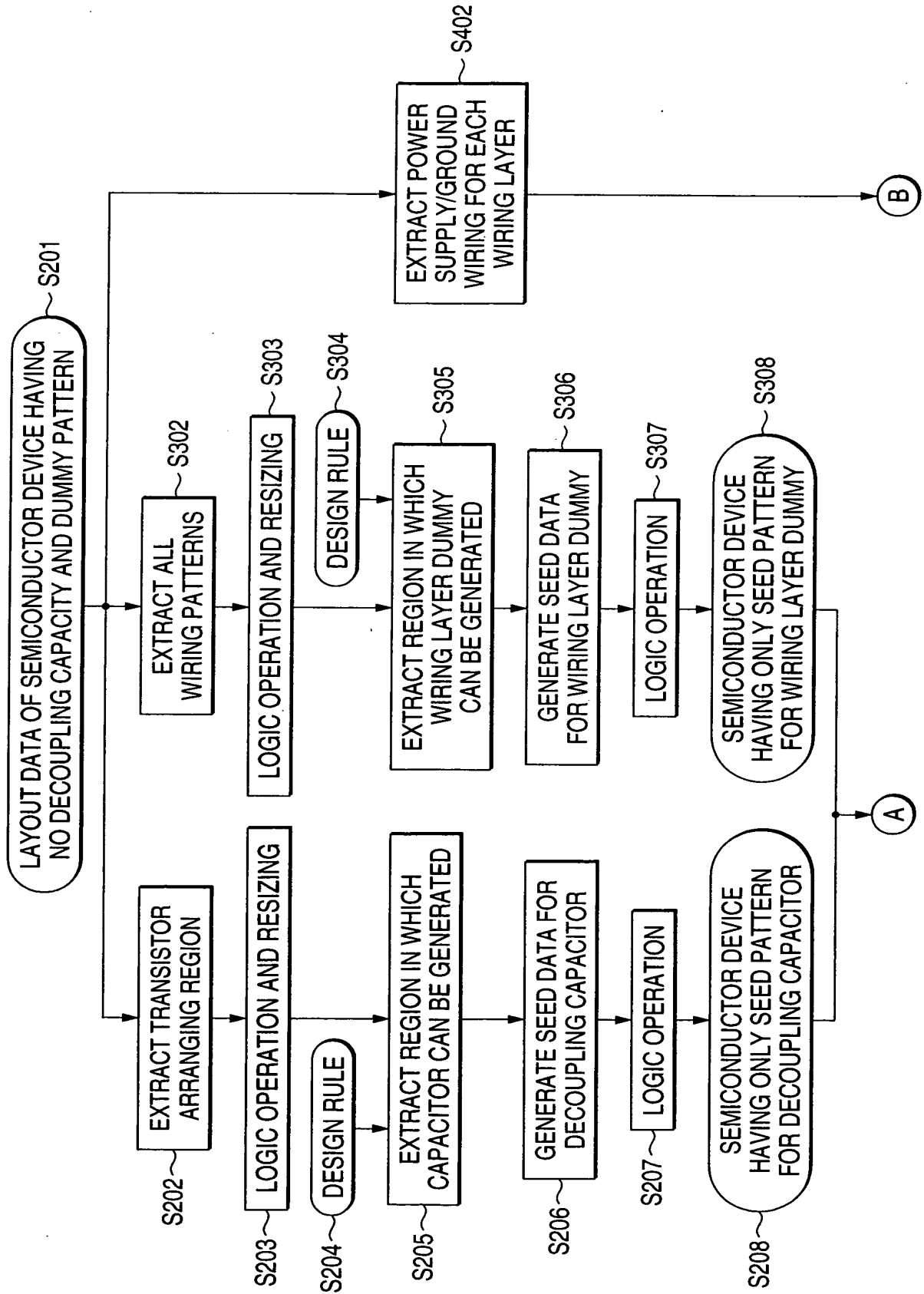


FIG. 3

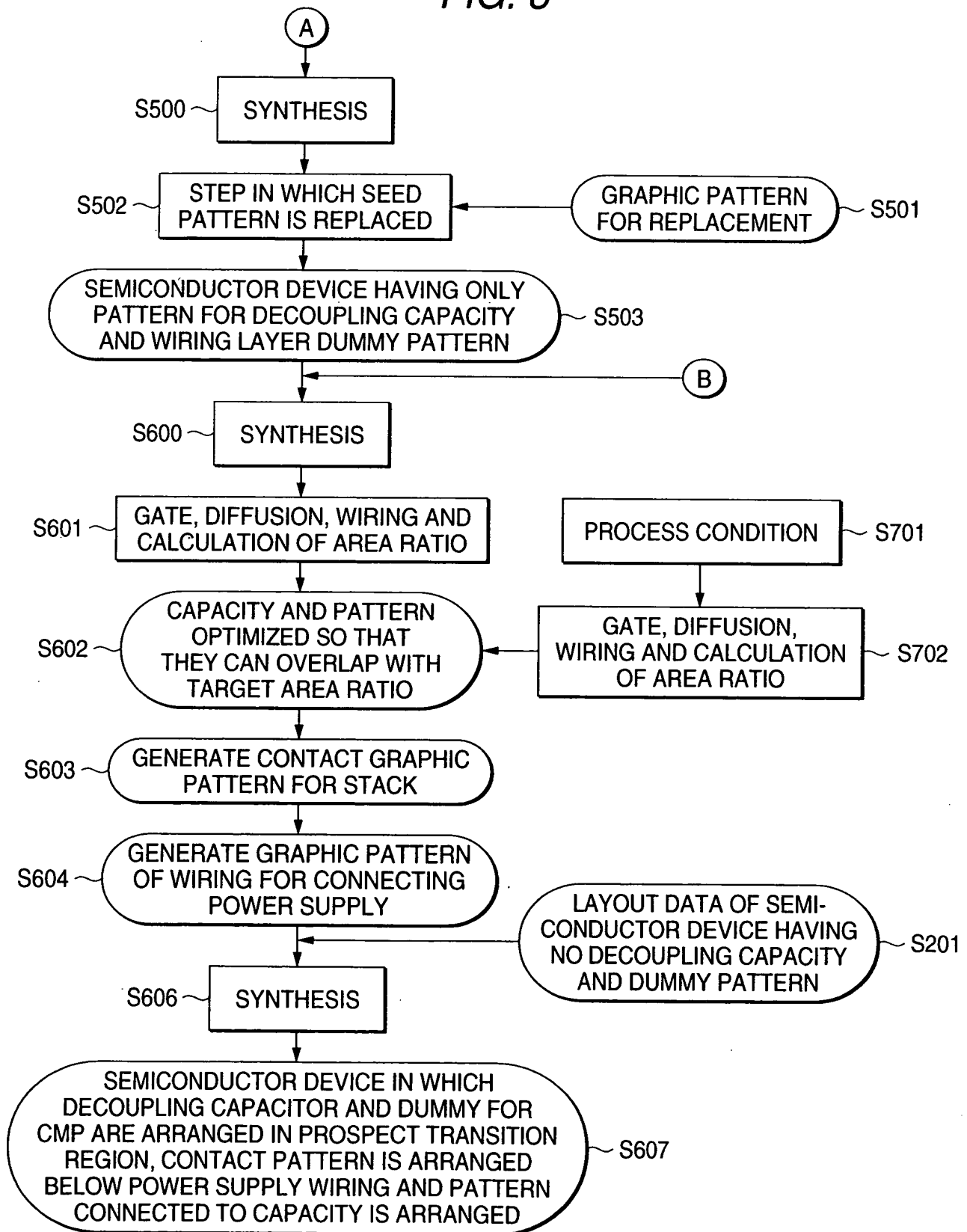


FIG. 4

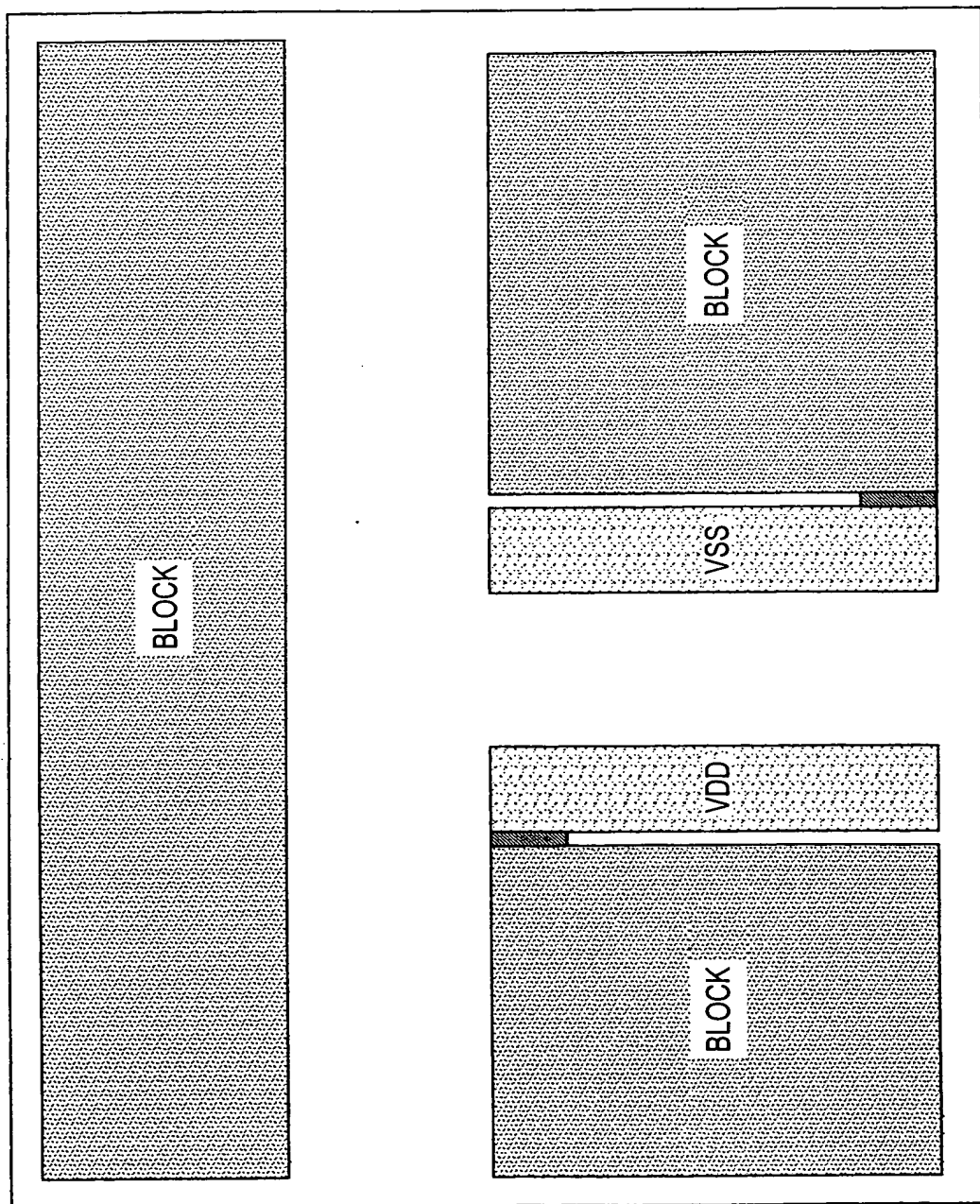


FIG. 5

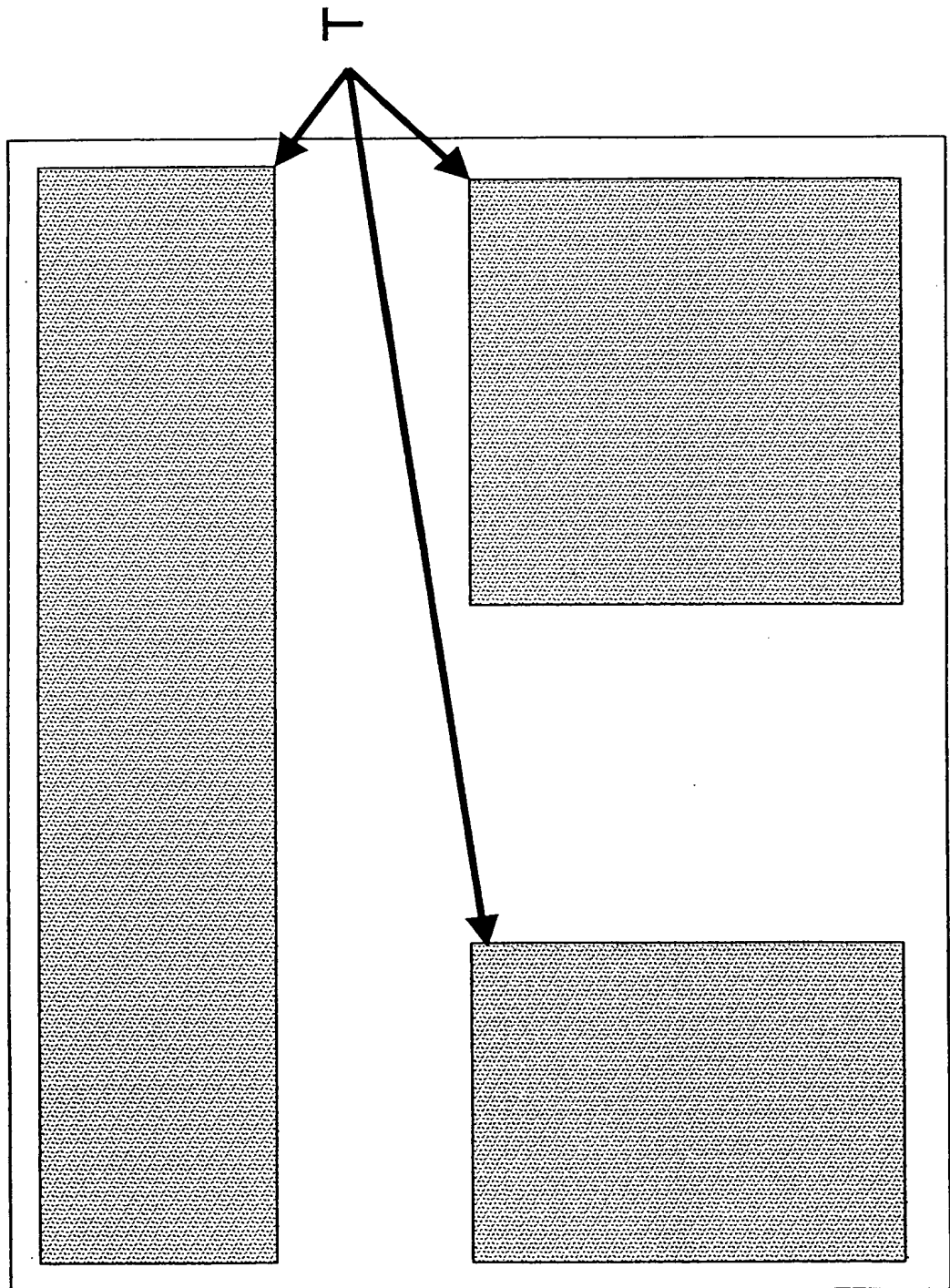


FIG. 6

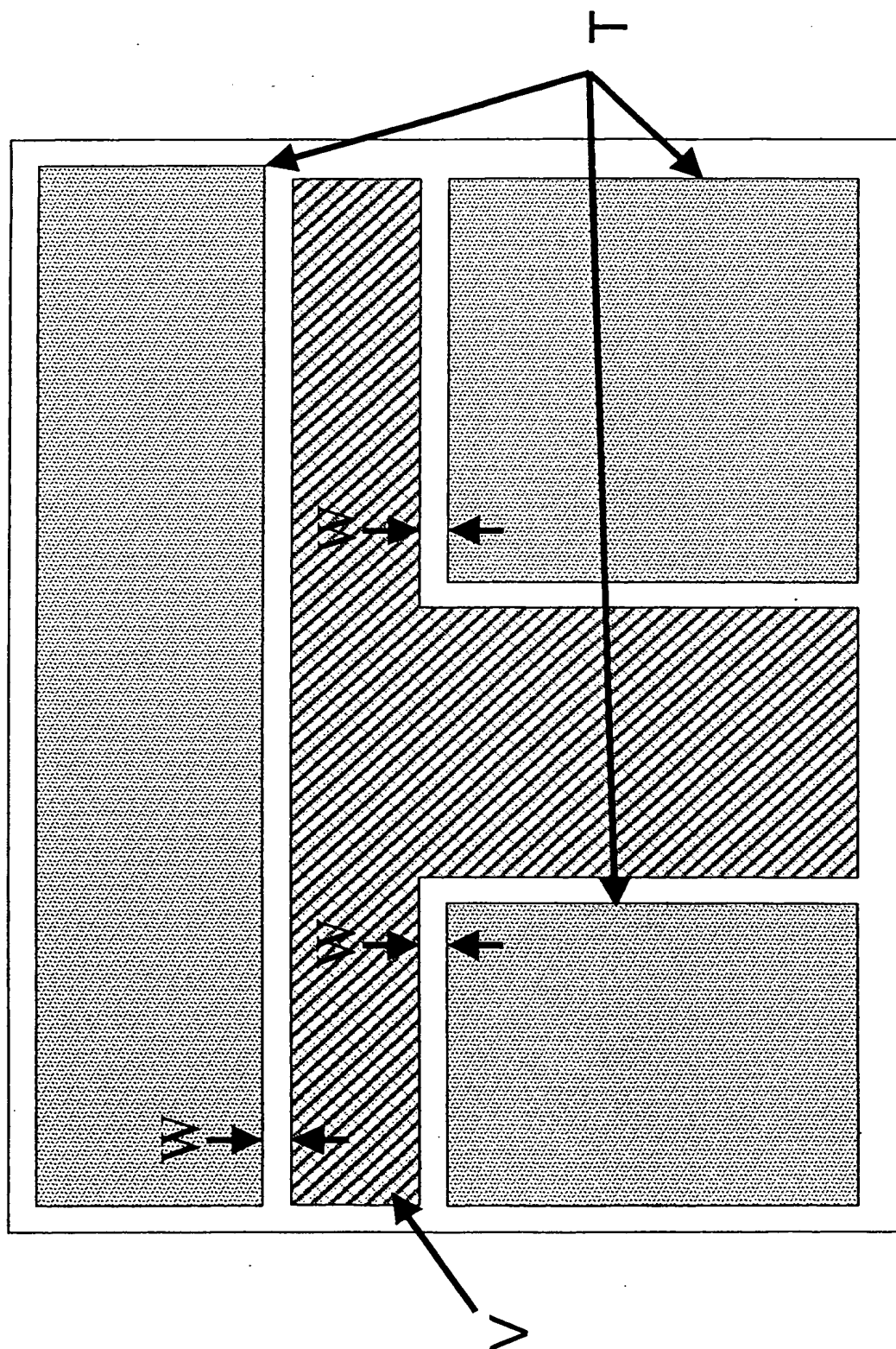


FIG. 7

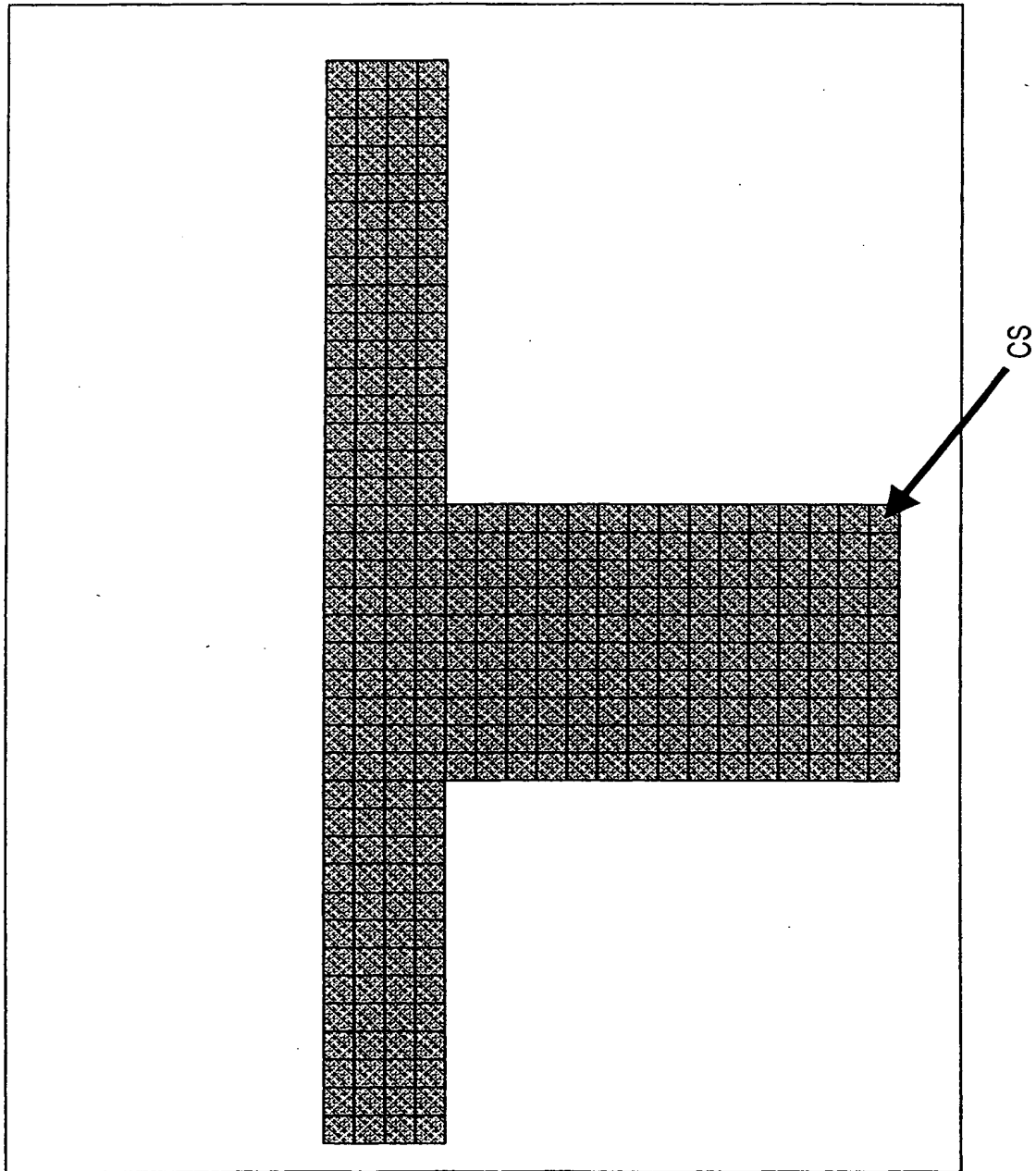


FIG. 8

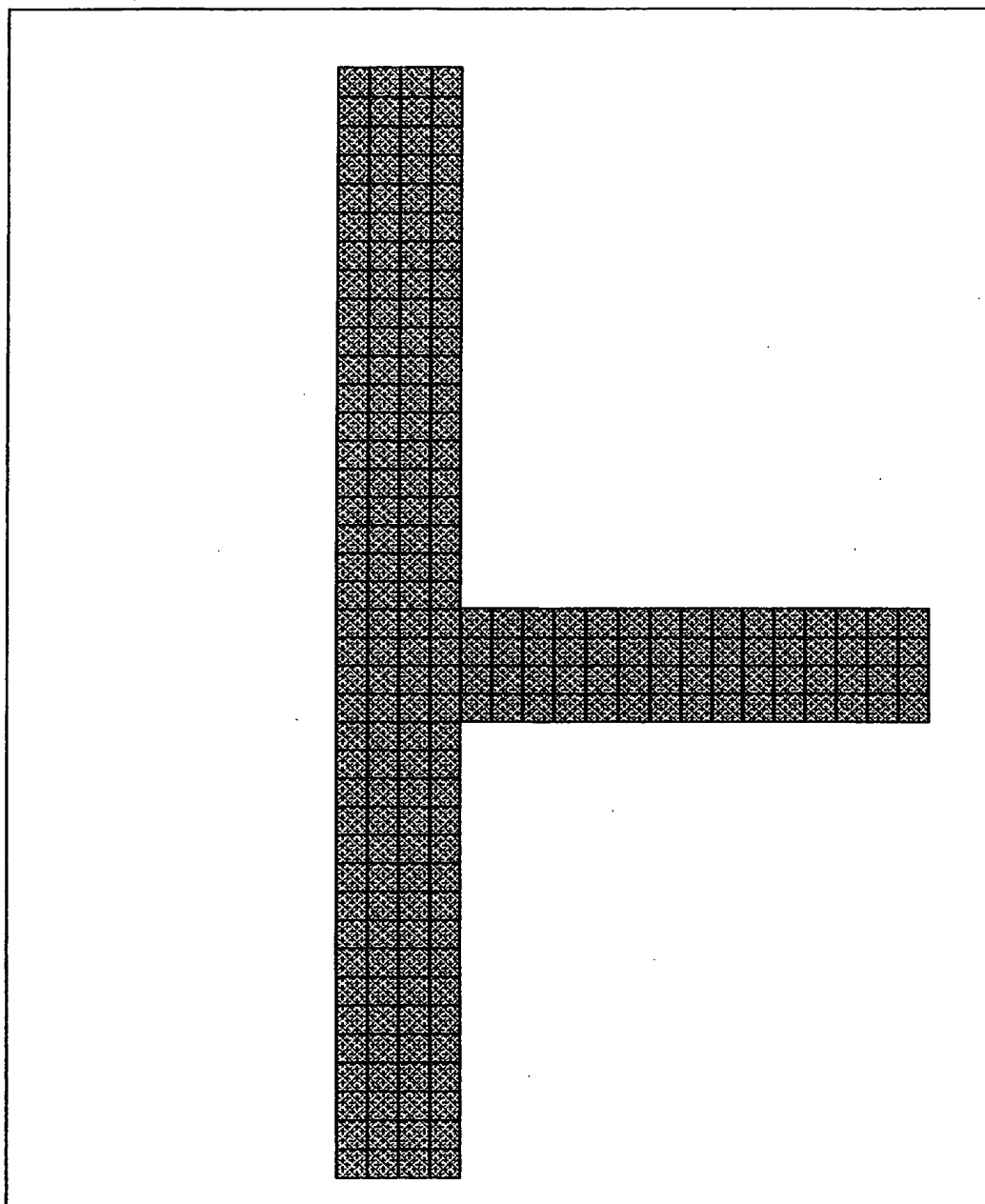


FIG. 9

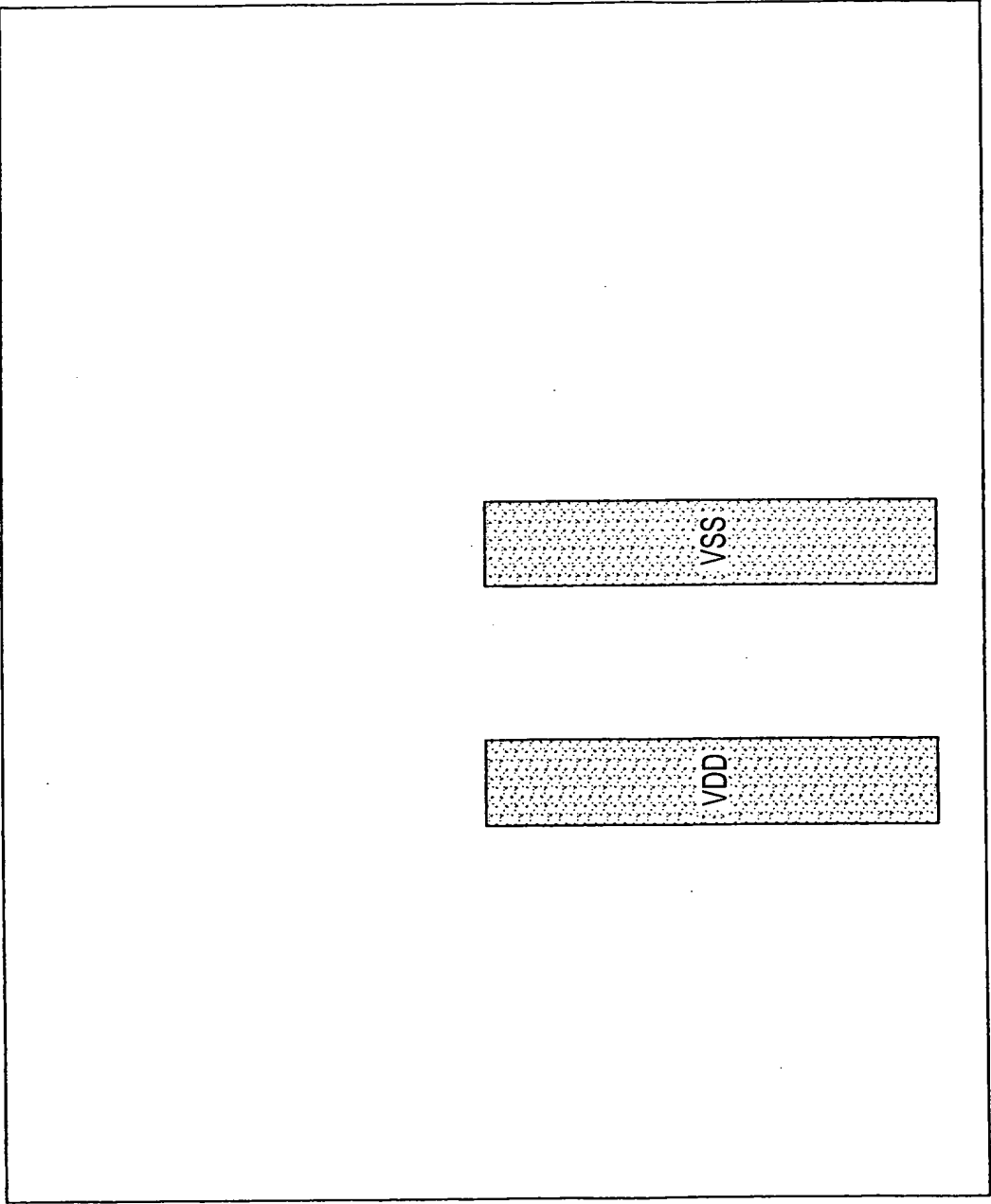


FIG. 10

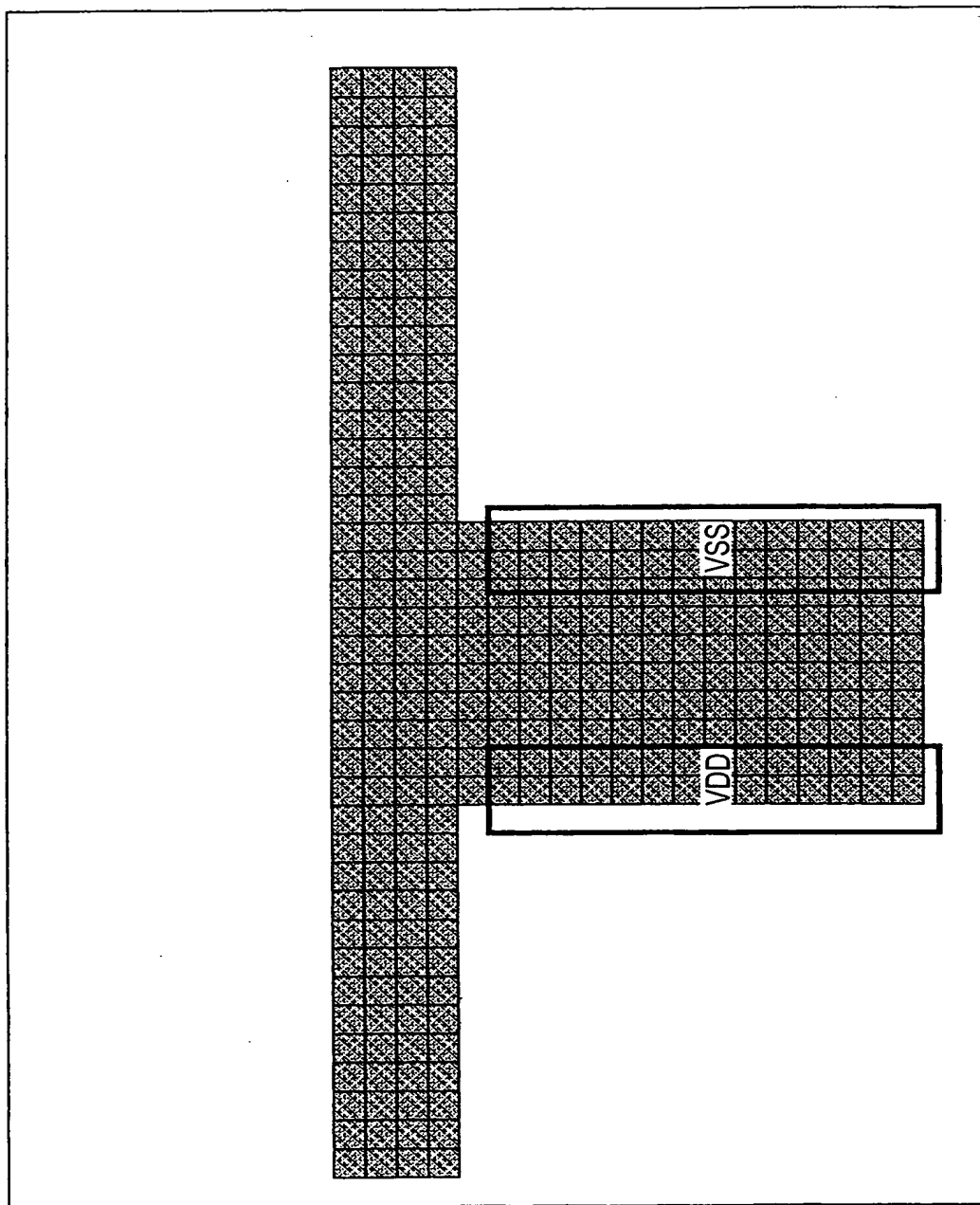


FIG. 11 (a)

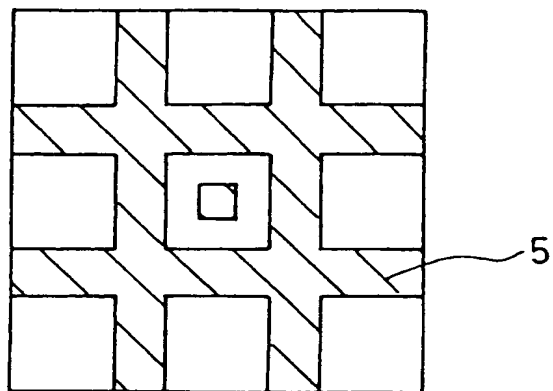


FIG. 11 (b)

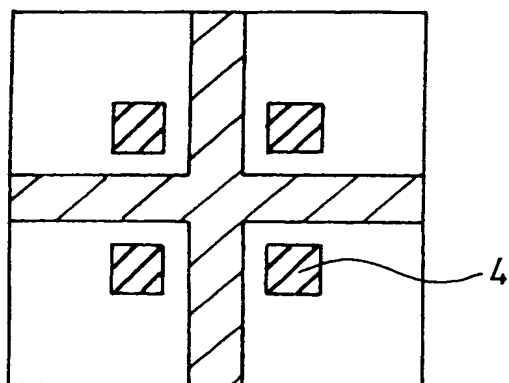


FIG. 11 (c)

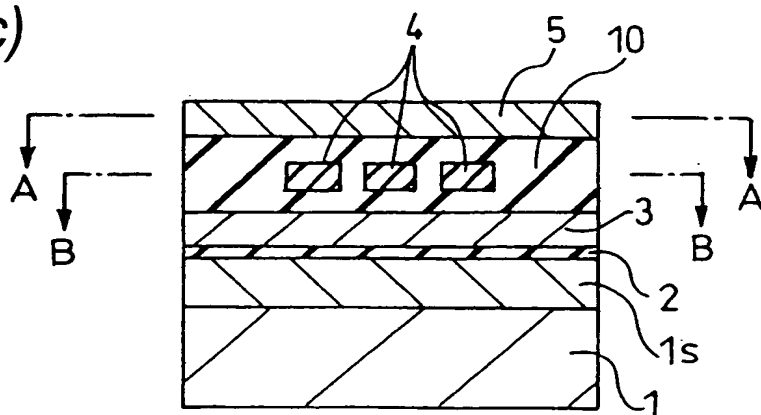


FIG. 12 (a)

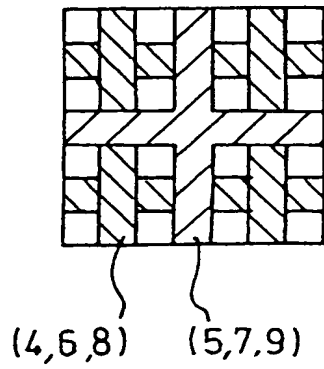


FIG. 12 (b)

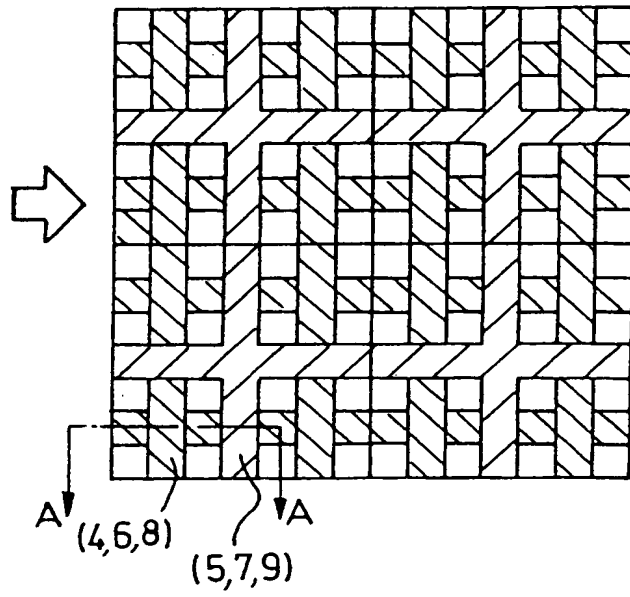


FIG. 12 (c)

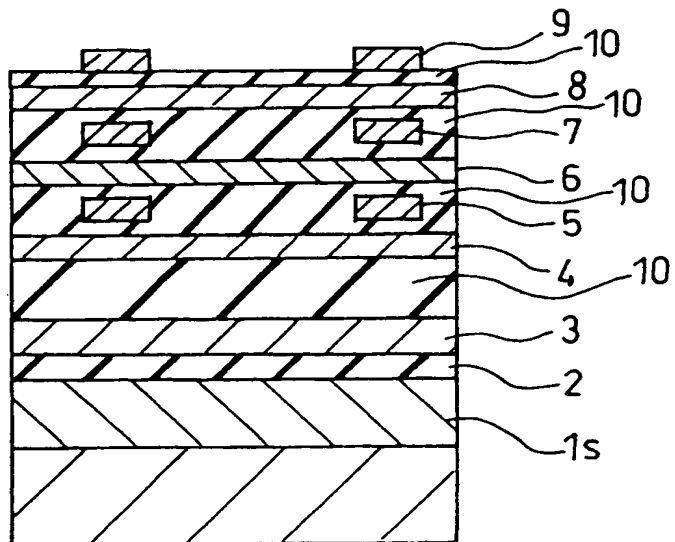


FIG. 13

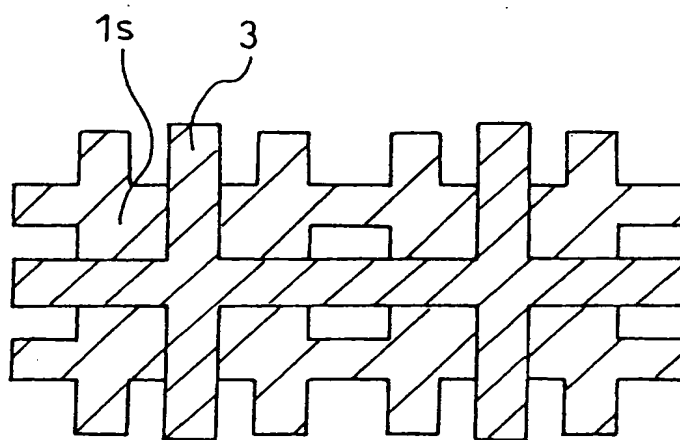


FIG. 14

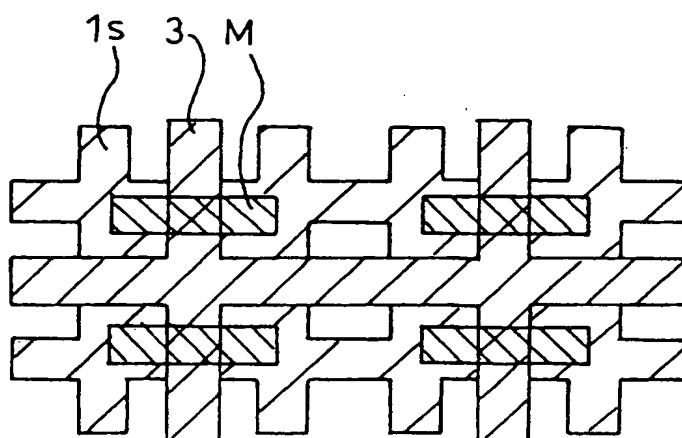


FIG. 15

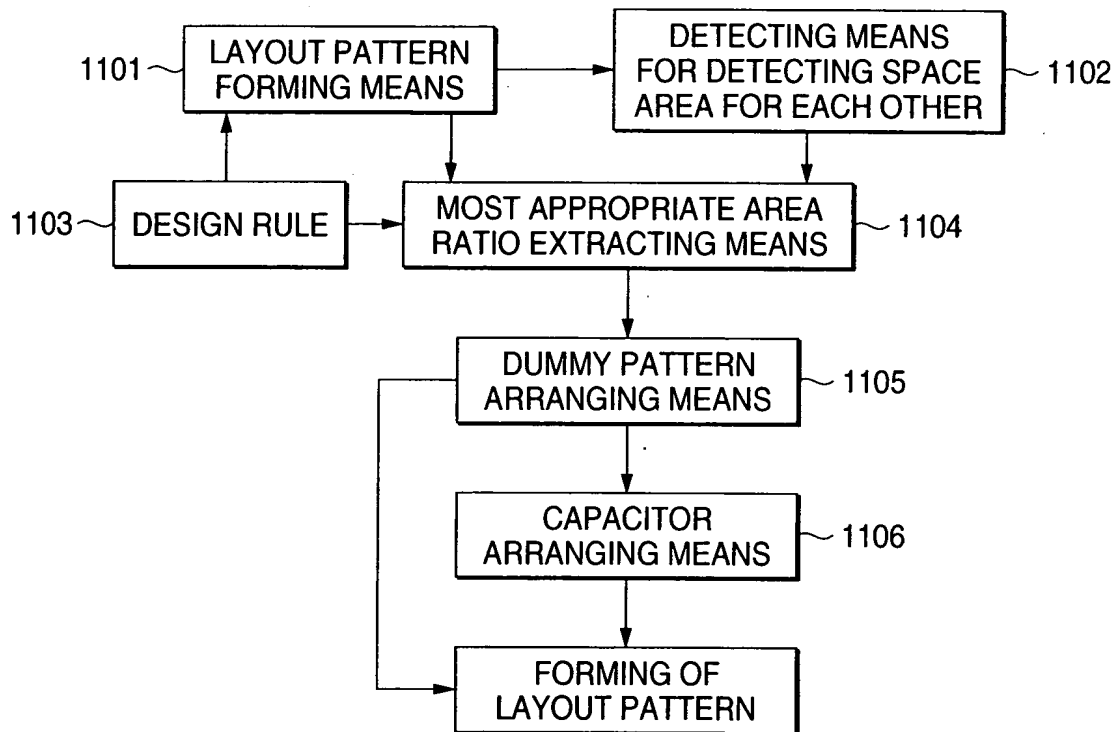


FIG. 16

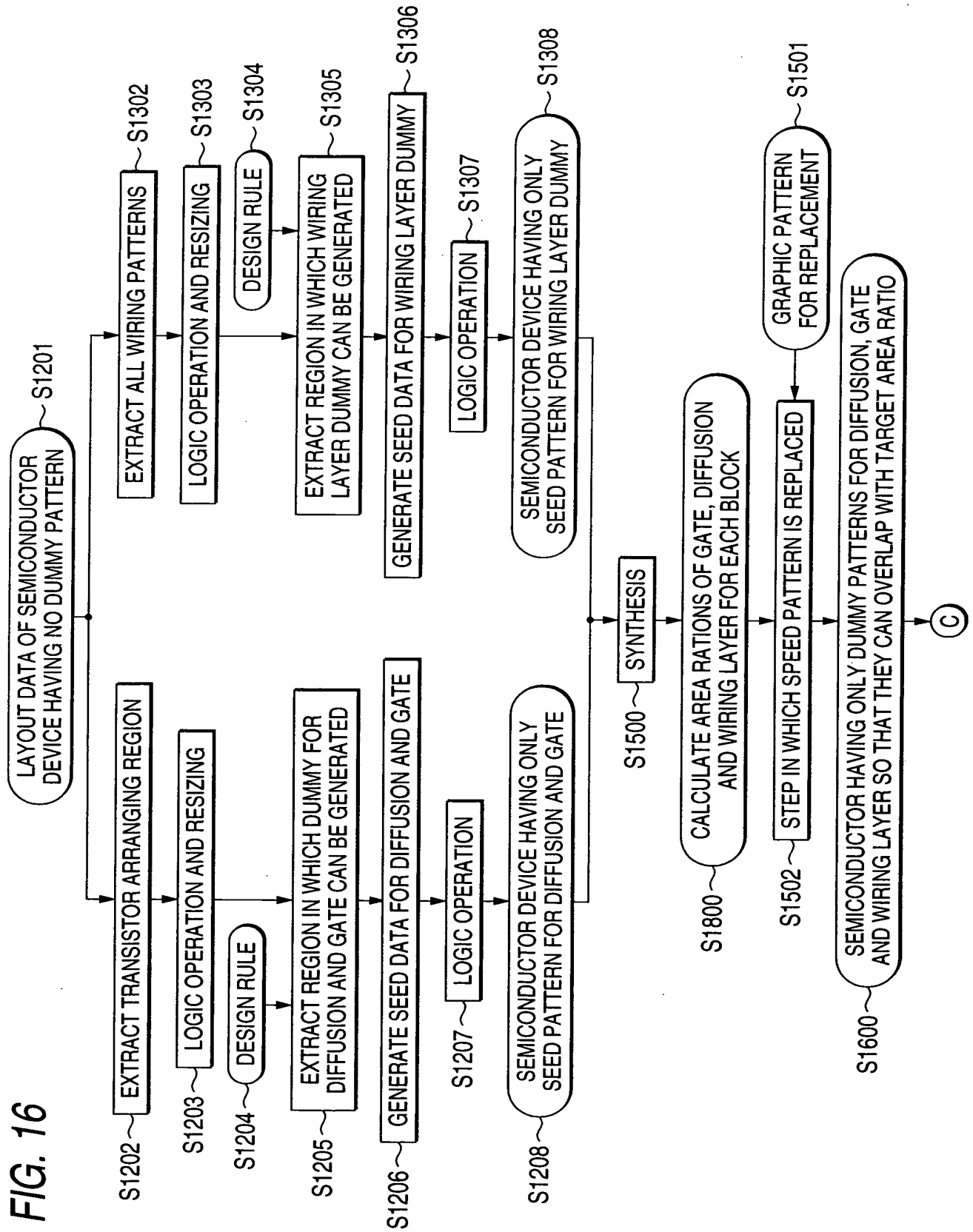


FIG. 17

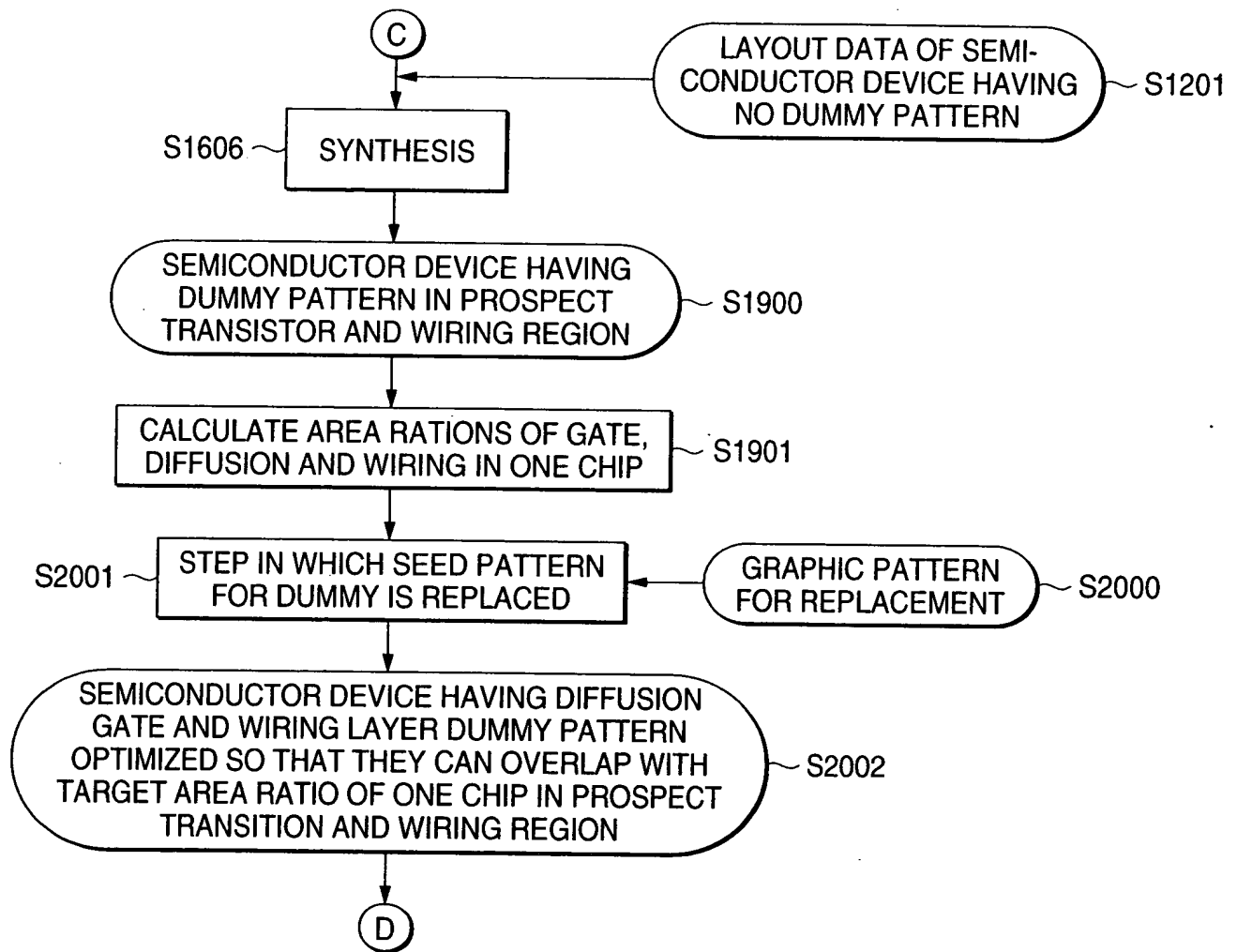


FIG. 18

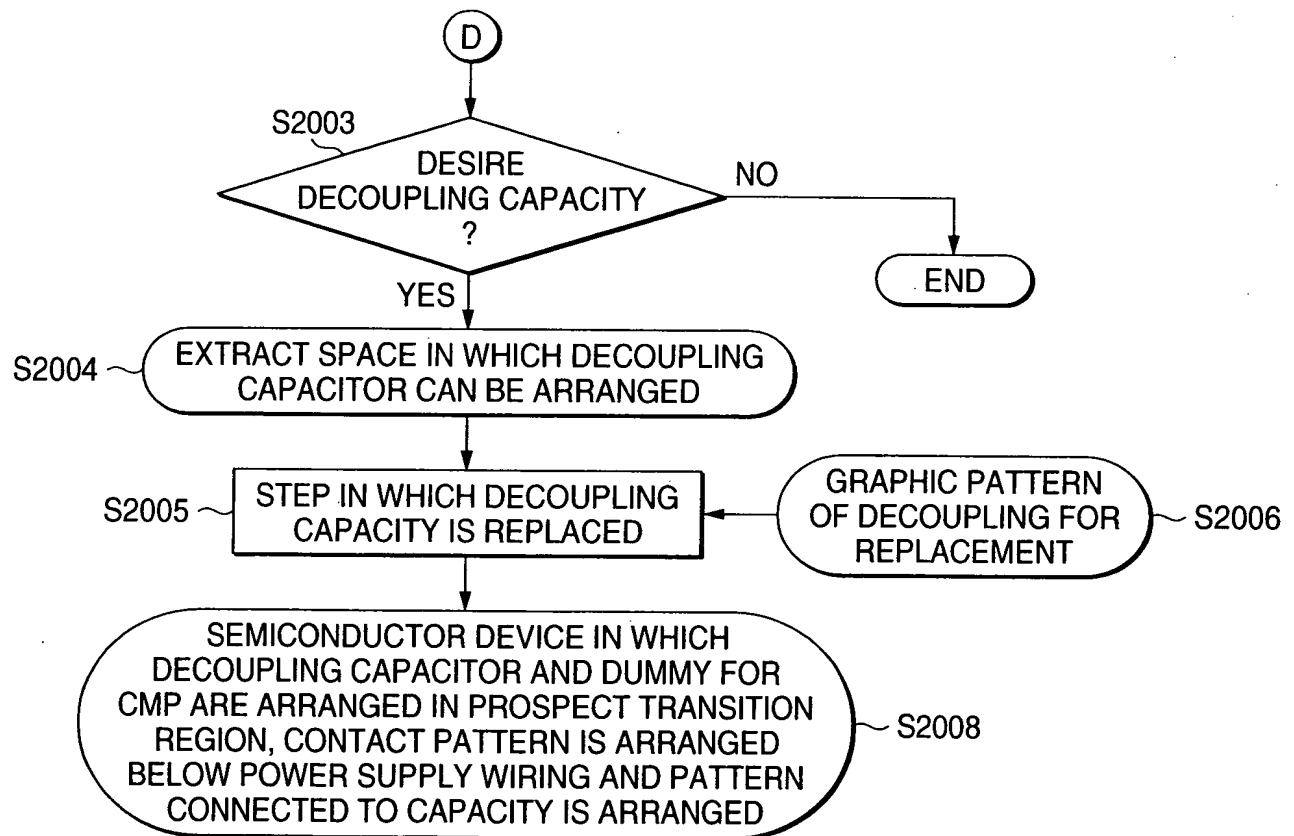


FIG. 19

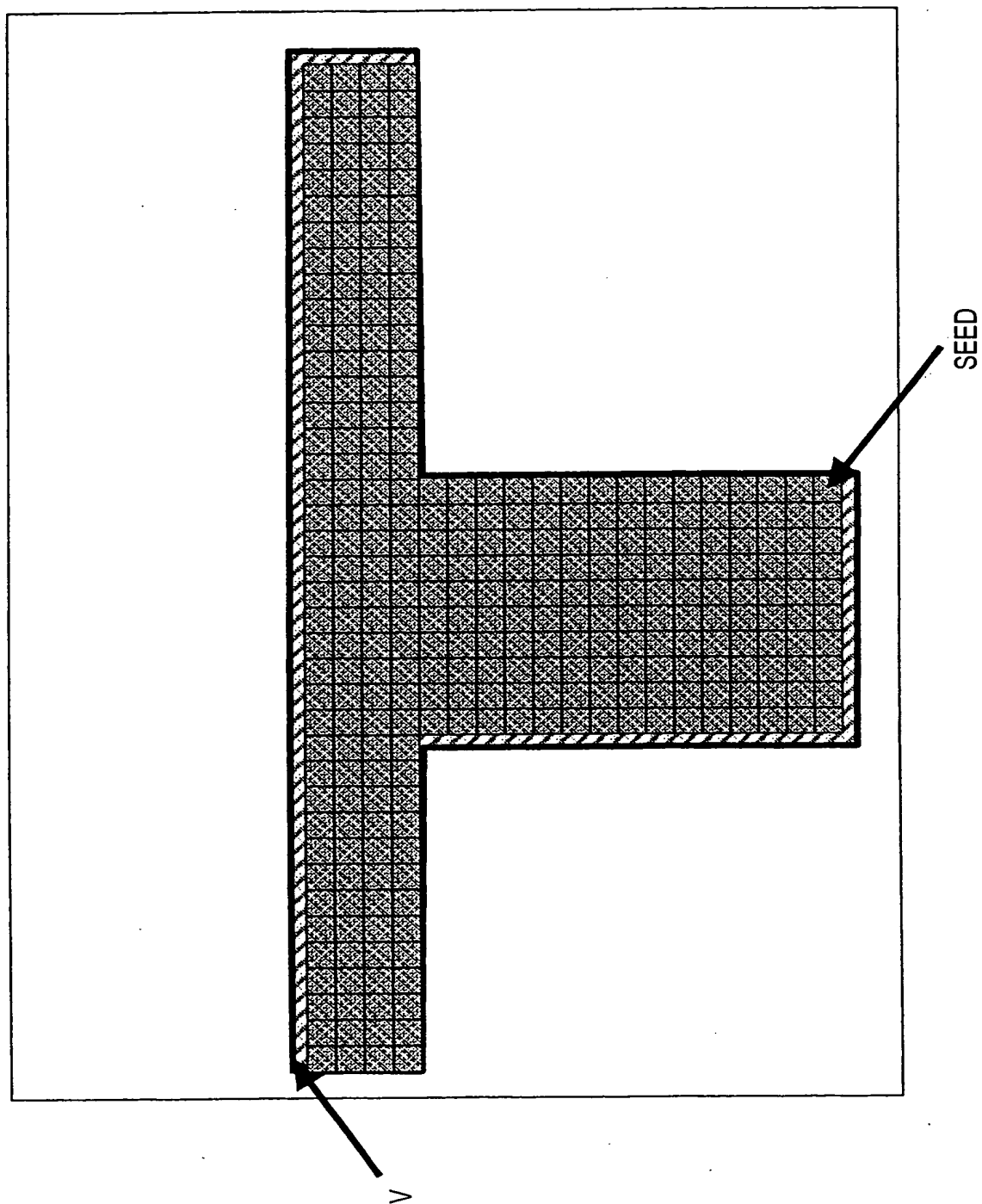
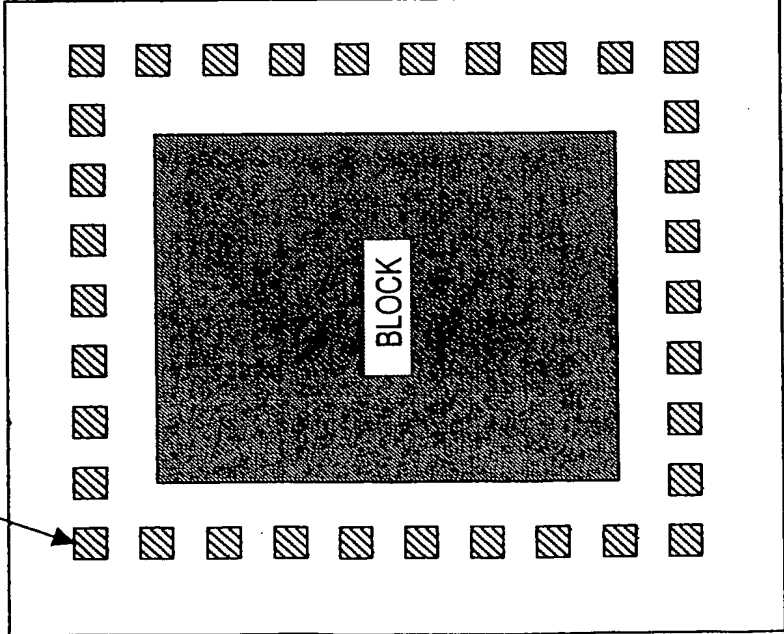


FIG. 20 (a)

IN THE CASE WHERE AREA RATIO IS
TOO LOW, DUMMY CELL IS REPLACED
WITH ONE OF HIGH DENSITY

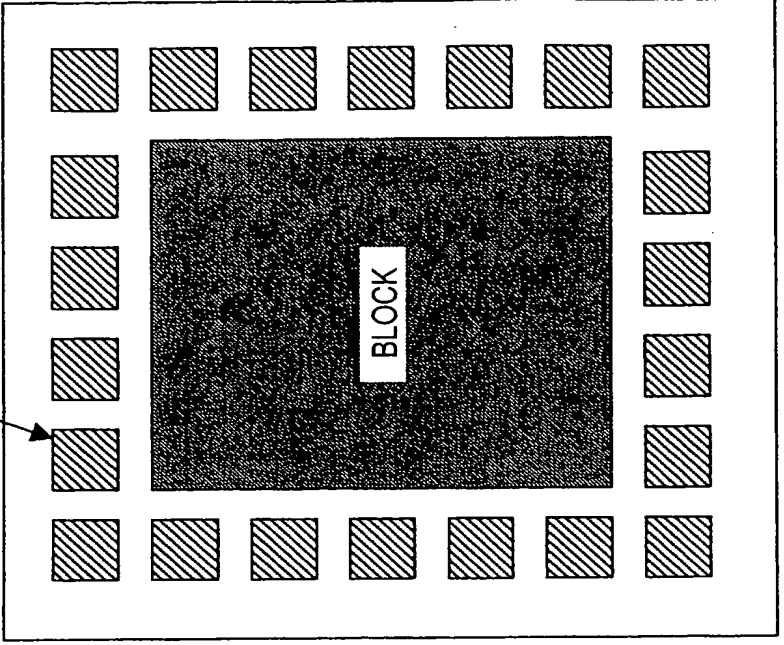
DUMMY PATTERN D1



AREA RATIO IS TOO LOW

FIG. 20 (b)

DUMMY PATTERN D2



MOST APPROPRIATE AREA RATIO

